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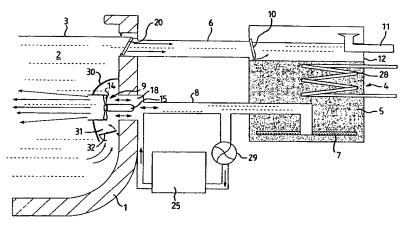
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(54) Title: FILTRATION INSTALLATION FOR FILTERING THE WATER OF A WATER POOL



(57) Abstract: A filtration installation for a swimming pool (2) comprising a filter vessel (4) containing a filter bed (5), an inlet pipe (6) extending between the pool and the filter vessel, a return pipe (8) extending between the filter vessel and the pool, a reversible pump (9) enabling to generate, in a backwashing state, an upward flow of water through the filter bed, and a drain pipe (11) arranged for removing the water pumped by the pump in its backwashing state through the filter bed. In order to reduce the required controls of the installation and to make it easier for unskilled persons to maintain it, the upper portion (12) of the filter vessel is in liquid communication through the inlet pipe (6) with the water in the pool and the inlet pipe is provided with a one-way valve (10). The reversible pump is disposed downstream this one-way valve so that the water pumped upwards through the filter bed in the backwashing state of the pump is automatically removed through the drain pipe whilst in the reversed filtering state of the pump water from the pool is filtered through the filter bed. The reversible pump (9) may comprise a propeller (14) which is situated within the pool to create a current or jet stream against which a swimmer can swim-in-place.

